

RHS - Room Humidity Sensor



Model RHS



Model RHS-D

Applications & Features

- RH series are designed for indoor environment relative humidity (RH%) measurement and control
- High performance digital RH% sensor and digital technology applied, ensure accurate measurement, fast response & good long term stability
- Multiple outputs selection,
- Optional relay for alarm or ON/OFF control
- Wide working temperature range

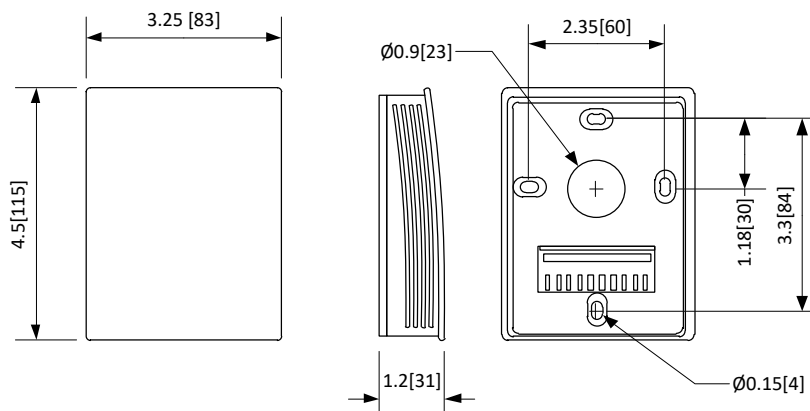
Model RHS-D

- **Display:** 4 digits LCD with units and Backlight

Specifications

- **Sensor:** Digital polymer RH% sensor
- **Range:** 0-100%Rh
- **Output:** 0-10VDC
optional RS485/Modbus
- **Optional relay output:** 2xSPST, 3A/250VAC or 30VDC
- **Accuracy:** $\leq 3\%RH$ (at 25°C, 20 to 80%RH)
- **Hysteresis:** $\leq \pm 1\%RH$
- **Response time:** : $\leq 10s$ (25°C no air movement)
- **Drift:** $\leq \pm 0.5\%RH$
- **Voltage:** 15 to 28Vac or 15 to 36VDC
- **Ambient conditions:** -40 to 85°C, 0 to 95%RH (Non condensing)
- **Storage Temperature:** -40 to 85°C
- **Housing:** ABS
- **Ingress Protection:** IP30

Dimensions



All dimensions in inch [mm]